



29th Year

## Northwestern Division ARRL Convention



## Seaside Convention Center Seaside, Oregon

June 1st, 2nd and 3rd, 2011

[www.seapac.org](http://www.seapac.org)

Presented by  
Oregon Tualatin Valley  
Amateur Radio Club





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## ***V.E. TEST SESSION***

***Testing at Our Savior's Lutheran Church—East Parish Hall  
(North—across the street from the Convention Center)***

***One Session—Saturday at 9 AM***

***Pre-registration requested. Walk-ins — Space Available***



'11

## WELCOMES OUR ARRL GUESTS



**Jim Fenstermaker, K9JF, ARRL Northwest Director** has served as the ARRL Northwestern Division Director for six years. He served previously as the NWD Vice-Director for six years. During this time, he has been appointed to the ARRL Administration and Finance Committee for six years; the past three years as committee chair. Other assignments on the ARRL Board of Directors include service on the Programs and Services Committee, Legislative Action Committee and Executive Committee. Jim is also a member of the Boy Scout Committee and is a Board member of the ARRL Foundation. Prior to his ARRL service, Jim was president of the Clark County Amateur Radio Club and Willamette Valley DX Club. He also founded the Greater Milwaukee (WI) DX Club

Jim and Shirley, W7SAF, have been residents of the Pacific Northwest for nearly 30 years after moving here from the Midwest. They are residents of Vancouver, WA but have lived and worked in Seattle for the past ten years with occasional forays down I-5 to Vancouver. Jim is an active DX'er holding #1 DXCC Honor Roll with all of the DXCC Entities worked and confirmed (365 DXCC entities confirmed including deletions) as well as a 9-band DXCC award (160-10 meters). Additionally, he participates in DX Contests as a "hired gun" from large contest stations around the Northwest and other locations. His latest endeavor is to work and confirm all US Counties (all 3,077) and hopes to complete this goal by the time SeaPac occurs. They are easing into retirement these days and, being a CPA, Jim does some part-time consulting.



**Grant Hopper, KB7WSD, ARRL Northwestern Division Vice Director** is a past president and current director of the Snohomish County Hams Club in Snohomish County, Washington, as well as the club's Education Program Coordinator and a license class instructor. He has served as an ARRL Volunteer Council for Washington State since 2004 and written several articles on amateur radio issues and the law. Grant serves as the City of Everett, Office of Emergency Management's "Radio Officer", the head of the City's ACS program and works closely with the community CERT program. In addition to his private law practice, Grant is a professor at Edmonds Community College, teaching legal courses. Prior to becoming an attorney, he spent over ten years in law enforcement (police officer and deputy) and was a volunteer fire fighter. When he has a chance to take break from work and other responsibilities, he is an avid fox-hunter and enjoys designing and building amateur and other electronic gear. You might hear him on the air on mini DXpeditions when he activates northwest islands for the US Islands and IOTA program with fellow club members. Grant is married to Vickie Hopper, KD7LAW, and lives and works in Everett, Washington.



# SCHEDULE OF EVENTS

## Friday, June 1

Registration	11:00 AM – 8:00 PM
Exhibitor & Flea Market ( <i>Setup Only</i> )	11:00 AM – 8:00 PM
Friday Workshop Lunch ( <i>Shilo Inn</i> )	11:00 AM
Friday Workshop ( <i>Shilo Inn—Registration Required</i> )	1:00 PM – 5:00 PM
Spaghetti Dinner ( <i>Seaside Fire Hall</i> )	4:00 PM – 8:30 PM

## Saturday, June 2

Exhibitor/Flea Market Set-Up	7:30 AM – 9:00 AM
Registration	8:00 AM – 4:30 PM
VE Exams ( <i>Our Saviour's Church East Parish Hall</i> )	9:00 AM – Noon
<b>Exhibits &amp; Flea Market Open</b>	9:00 AM – 4:30 PM
Snack Bar ( <i>Convention Center</i> )	9:00 AM – 4:30 PM
<b>Seminars</b> ( <i>Convention Center</i> )	10:00 AM – 5:00 PM
Hourly Prizes	10:00 AM – 3:00 PM
DX Luncheon ( <i>Shilo Inn</i> )	11:30 AM – 1:30 PM
YLRL Luncheon ( <i>Shilo Inn</i> )	11:30 AM – 1:30 PM
ARRL Forum ( <i>Seaside A&amp;B</i> )	1:30 PM – 2:15PM
Special SEA-PAC Prizes	2:30 PM
Pre-Banquet Happy Hour ( <i>Convention Center</i> )	6:30 PM – 7:15 PM
SEA-PAC Banquet ( <i>Convention Center</i> )	7:15 PM – 9:30 PM

## Sunday, June 3

Registration	8:30 AM – 12:00 PM
<b>Exhibits &amp; Flea Market Open</b>	9:00 AM – 1:00 PM
Hourly Prizes	9:00 AM – 1:00 PM
Snack Bar	9:30 AM – 12:30 PM
Special SEA-PAC Prizes	10:30 AM
SEA-PAC Prizes	1:00 PM – 2:00 PM
Convention Closes	2:00 PM

# WELCOME

**S***EA***PAC**, the Northwestern Division ARRL Convention, is sponsored by the Oregon Tualatin Valley Amateur Radio Club.

*Co-Sponsors include Clark County Amateur Radio Club, Hoodview Amateur Radio Club, and Sunset Empire Amateur Radio Club.*

*Thanks to convention volunteers for their assistance. We invite everyone to enjoy themselves to the fullest and be a part of making this event a success.*

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## SeaPac 2011 Executive Chairmen

Will Sheffield, N7THL; Wayne Schuler, AI9Q; Darwin Durr, K7PSD; Al Berg, W7SIC



### 4th Annual Sunset Empire Amateur Radio Club (SEARC)

#### Spaghetti Feed

All You Can Eat Spaghetti Dinner is held at the Seaside Fire Hall

Friday night June 3, from 4 PM to 8:30 PM

Adults \$8 Children 7-12 \$6

\$1 off admission with proof of Ham license or SeaPac Registration.

For more information visit [www.w7bu.org/spaghetti](http://www.w7bu.org/spaghetti)



# EXHIBITORS

**A Better Tomorrow Sales**

**ARRL**

**Amateur Radio Relay Group**

**Arcom Communications**

**Battery Tech Inc.**

**Buddipole Antennas**

**Celebrating Home**

**Cookie Lee Jewelry**

**CQ Magazine**

**D-RATS**

**DC Power LLC**

**Depiction Inc.**

**Disaster Guy**

**DX Store**

**Elecraft**

**Flex Radio Systems**

**Fue Enterprises**

**GRE America (Alinco)**

**Hotpress Ham Hats**

**HRO (Ham Radio Outlet)**

**ICOM America**

**Idiom Press**

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**Nifty Ham Accessories**

**Oregon Region Relay Council**

**Pacific Amateur Radio Guild**

**QRZ.com**

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**Sciesis Scientific**

**STARS (Seaside Tsunami ARS)**

**Surplus Gizmos**

**Test Equipment Plus**

**Tigertronics**

**Unique Embroidery and Graphics**

**US Navy-Marine Corps MARS**

**Vertex Standard-Yaesu**

**Western Case Company**

**Wired Communications**

**YLRL**

*Due to publication deadlines we apologize for any changes or omissions.*

# BANQUET

Everett Curry, W6ABM, Master of Ceremonies

## Keynote Speaker—Mr. E. E. “Van” Valkenberg, CMSgt., USAF (Ret.)

After 22 years of absence, SeaPac is pleased to welcome back Mr. E. E. “Van” Valkenberg as our guest speaker at this year’s Saturday night banquet. He is best known as a retired Chief Communicator of Air Force One, CMSgt., USAF (Ret.)



Van’s military career includes enlistments in both the U.S. Navy and Air Force, starting at the end of WWII. He served in Korea, Santo Domingo and Viet Nam where he served as Chief Radio Operator. For his last duty assignment, he transferred to Andrews Air Force Base, in Washington, DC, where he flew in the VIP fleet, flying with the Secretary of State, Cabinet members, Congressmen and other dignitaries. He has flown with Presidents, Vice-Presidents and other Heads of States and met many movie stars including John Wayne, Bob Hope, Joan Crawford and others.

He has served under all presidents from Lyndon Johnson through George Bush. During his military career, he has flown to Russia 53 times and China 27 times logging over 21,000 hours of flying time. Van has been an avid skydiver with a total of 2041 free falls; 9 of which were from 40,000 feet with the Special Warfare & Golden Knights. Before his retirement, he was asked to edit the predesign manual for the new 747 Air Force One aircrafts.

Van has been in two movies narrated by James Stewart and Charlton Heston. He has also been featured in two books and has been a guest speaker for hundreds of clubs including SeaPac in 1989.

Since his retirement after more than 37 years in the military service, Van has called Vancouver, Washington, his home and thusly known to friends as “Chief Van”. He now spends his time reading, relaxing, recording music and having breakfast with his many friends.

Van will discuss how he came to be the Chief Communicator; his duties and experiences on Air Force One and other ‘behind the scenes’ activities.

**DON’T MISS THIS EVENT.**

**Get your SEA-PAC banquet tickets today as seating is limited.**

***BANQUET PRIZES***

***HRO Gift Certificate for \$200 and 2—Gift Baskets***



## PRIZE DONORS

### Exhibitors Donating Prizes

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Hotpress Ham Hats  
HRO (Ham Radio Outlet)  
ICOM America  
J Poles  
Kenwood Communications  
Larry's Antennas LLC  
LED Wholesalers.com  
LIDO Mounts  
NCG/Comet Co.  
Nifty Ham Accessories  
QR-ZED Engraving  
Rescue Tape NW  
SteppIR Antennas  
Surplus Gizmos  
Tigertronics  
Western Case Company  
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Portland Fudge  
Sam's Seaside Café  
Seaside Chamber of Commerce  
Seaside Helicopters  
Shilo Inns Suites Hotel  
Sundowner Motor Inn  
The Buzz on Broadway  
The Pizza Harbor

EBB Tide Enterprises, *Portland, OR*  
Shilo Inns Corporate, *Portland OR*

Nehalem Bay Wines, *Nehalem OR*

Pulse Larsen Antennas, *Vancouver WA*

*Due to publication deadlines we apologize for any changes or omissions.*



# PRIZES

**ALL PRIZES SUBJECT TO CHANGE**

**Sunday, 1:00 - 2:00 pm**

**Need Not Be Present**

***Yaesu FT-857D HF/VHF/UHF***

***Kenwood TM-V71A Dual Band Mobile***

***ICOM IC-T70A Dual Band HT***

***Yaesu VX-3R Dual Band HT***

***Yaesu FT-8800R Dual Band Mobile***

***ICOM IC-208H Dual Band Mobile***

***Alinco DJ-C7J Dual Band HT***

**Early Bird Prize**

**Registration postmarked by April 15, 2011**

***Kenwood TH-F6A Tri Band HT***

***Yaesu VX-6R Tri Band HT***

**HOURLY PRIZES**

***Unclaimed prizes are reissued!***



## DX Special Interest Group Luncheon Speaker

### DXpeditioning from the South Pacific



**Bill Vanderheide, N7OU** is a retired elementary school teacher. When he was 11, he received a crystal radio kit for Christmas and that began his lifelong fascination with wireless communication. He was first licensed as WV6FYW in 1959, and served as a radio operator with the US Army in Vietnam. His current ham radio interests are portable operation, DXpeditioning, CW, and contesting. Over the last 5 years he has been on lightweight DXpeditions to many DXCC entities in the South Pacific, including the North and South Cooks, Rotuma, Tuvalu, Chatham Island, and Tokelau. Earlier this year he operated from Tarawa, Western Kiribati, with Bob Norin, W7YAQ, his usual DXpedition partner. Articles describing his DX operations have appeared in QST and The DX Magazine. He is a member of the ARRL and the Willamette Valley DX Club, and a sorter for the 7<sup>th</sup> Area ARRL DX QSL Bureau.

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## Young Ladies Radio League Luncheon Speaker

### Getting “Radio-Active”

**Vicky Luetzelschwab, AE9YL** was first licensed as KB5EAM, technician plus, in 1987. She upgraded to General in 1999. She upgraded to extra in 2000 and selected the vanity call sign AE9YL.



Vicky enjoys DXing, contesting and chasing Pacific Northwest Lighthouses. She is a member of the Amateur Radio Lighthouse Society. She loves to read romance, world history, and books on religion. She has her BS in Education and Special Education from the University of Saint Francis in Fort Wayne. She is currently a substitute teacher for the Fort Wayne/South Bend Diocese.

Vicky's husband is Carl K9LA, and they enjoy traveling and operating abroad. They have operated from Syria, Market Reef, and the Vatican. Vicky is a WAS, WAC, and VUCC card checker with the ARRL. She currently stands at 303 entities..



This year, SeaPac is pleased to have the founder of QRZ.com, Fred Lloyd, AA7BQ.

QRZ was founded in 1992 as a spinoff of what was once called the "Callsign Project", a cooperative effort designed to obtain and distribute FCC database tapes.



The "project" part of the callsign project consisted of obtaining the FCC data tapes and then making copies of it for distribution to other interested parties. Shortly thereafter Fred decided on using the ham radio shorthand term QRZ as a name for the new product. It was short, catchy, and 100 percent ham radio!

Fred (a software engineer by profession), started to work on the second edition and a new Windows callsign program and when the World Wide Web was born, QRZ went online with web based callsign lookup server. QRZ holds the distinction of being one of the first 5,000 websites in existence (there are many millions today).

Today, 25 editions and over 250,000 copies of the QRZ Ham Radio CDROM have been sold worldwide and it has earned the title of the #1 bestselling amateur radio software product of all time. The QRZ CDROM has been used on all 7 continents (yes, including Antarctica) and has been carried on the Space Shuttle, the MIR space station, and is in use today aboard the International Space Station.

QRZ remains a small business that is run by Fred and he operates it from a spare room in his home. Fred is extremely grateful for the support of the many friends that he has made on the internet and looks forward to making many more in the future.

And what do the letters QRZ stand for? To be sure, please attend one of SeaPac's many seminars and ask Fred





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	<b>RG-8X Ham Radio jumpers From \$4.00 Each</b>		<b>1000hz TV Splitters From \$2.00</b>		<b>Bright LED Flashlights from \$5.00 up</b>		<b>New Dimmable LED Globe 5 Watts! \$25.00 Ea</b>		<b>Speaker Banana Plugs \$2.00 Each</b>
	<b>Ethernet CAT5e Cable From \$1.00 Ea</b>		<b>Python Stereo Audio Cable From \$2.00 up</b>		<b>High-Quality SVGA Cable \$5.00 UP</b>		<b>25 LED Headlamp \$7.00 Each</b>		<b>All types of USB Cables from \$1.00 up</b>
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# SEMINARS

***Please silence audio signals during the sessions.***

Let these SeaPac workshop and seminars catch your interest and open the door to new ham radio adventures. The presenters below volunteer their time and experience to share with you their knowledge and skills on the many facets of this great hobby. What ever your interests are, you're sure to acquire new knowledge to take home, enjoy and share with others. Below is an overview of the workshop and seminars SeaPac is presenting this year.

## **FRIDAY WORKSHOP 1:00 PM - 4:30 PM**

### **Radio Wave Propagation**

***An Afternoon with Carl Luetzelschwab K9LA***

Carl Luetzelschwab K9LA is the author of many articles on radio wave propagation, contributor to the propagation section of the *ARRL Antenna Compendiums* and monthly Propagation columnist for the WorldRadio Online.

Join Carl as he discloses the science and practices of radio propagation. Explore the Ionosphere. Learn how it forms, how it is measured, and the impact it has on MF, HF, and VHF radio propagation. Delve into the science of propagation prediction, the software available, how it is used and its limitations and other specific topics as 160 meters, skew path, noise etc. Finally, he will discuss Cycle 24 and its progress. Whether you are newly minted ham, an avid DX chaser, a battle tested contester or a short wave enthusiast you should find a great deal of valuable information so don't miss this opportunity to improve your skill and knowledge.

Location: Shilo Inn, Cost: \$15 WORKSHOP REGISTRATION REQUIRED

## **SATURDAY SEMINARS 10:00 AM - 5:00 PM**

**10:00 AM  
SEASIDE A&B**

Our annual presentation of events, plans, training etc of Oregon ARES/RACES.

**Oregon ARES/RACES PROGRESS & PLANS  
Vincent Van Der Hyde K7VV**

**10:00 AM  
SEASIDE C**

The original inventors used the word schematic to name a type of drawing which shows how the circuit operates electrically rather than how they are wired. Al, a retired Electronic Engineer, first became involved in learning how to draw schematics for readability over 50 years ago. A good one for beginners and students studying electrical theory.

**Improved Technical Schematics  
Al Williams K7PUC**

# SEMINARS

## SATURDAY SEMINARS 10:00 AM - 5:00 PM

**10:00 AM**

**RIVERVIEW A**

**A DXpedition to Ascension Island**

**Tom Meier K7ZZ**

Tom took a two week trip down to ZD8 and would like to share it with us. He says its part travelogue, part logistic when HRO is a long ways away and part operating techniques from the other side of the of the pile-up. Sounds like a good one.

**10:00 AM**

**RIVERVIEW B**

**Club Fun**

**Grant Hopper KB7WSB**

“Creative Ways to Reinvigorate Club Activities and Have More Fun”

A program on re-energizing clubs and bringing members 'back in' by focusing on fun activities, by identifying unmet member needs and desires, and by creating an atmosphere of inclusion that makes new licensees and no-code Techs want to get involved (and frequently upgrade.)

**11:30 AM**

**SEASIDE A&B**

**The QRZ User Forum**

**Fred Lloyd AA7BQ**

Fred Lloyd, AA7BQ, founder of QRZ, will give a short presentation on the history of QRZ, how it got started and what has been learned. Fred will follow up with a report on the latest QRZ developments and will host an open Q&A session with the attendees

**11:30 AM**

**RIVERVIEW A**

**STARNET**

**John Hays K7VE**

STARnet Digital is a new application for use with D-STAR (Digital Smart Technology for Amateur Radio) that builds upon Smart Technology for Amateur Radio by building dynamic networks of D-STAR radio stations through the worldwide network of D-STAR gateways and repeaters.

**11:30 AM**

**RIVERVIEW B**

**A Local DXpedition**

**Delvin Buntun N7QMT**

This presentation will discuss planning and preparation steps for local DX-peditions (meaning a short distance from home). What you need as a minimum for success, ideas where to operate, and what to leave home. The idea is radio fun without big expenses.

**11:30 AM**

**RIVERVIEW C**

**EMERGENCY PREPAREDNESS**

**Jen O'Neal Clatsop County Red Cross**

A presentation on many types of emergency preparedness, it will cover everything from you at your residence to evacuation situations. It will also include discussions on Tsunami preparation.

**1:00 PM**

**RIVERVIEW A**

**IOTA DXpedition to Alaskan & Marshall Island**

**Yuri Sushkin N3QQ**

Yuri from Bellingham, WA will discuss IOTA expeditions of Russian Robinson Club in 2010 to uninhabited islands: KL7RRC Chirikof Island NA-235 in Alaska and V73RRC Ujelang Atoll OC-278 in the Marshall Islands.

# SEMINARS

## SATURDAY SEMINARS 10:00 AM - 5:00 PM

**1:00 PM**

**SEASIDE A&B**

**ARRL FORUM**

**Jim Fenstermaker K9JF, ARRL Northwestern Division Director**  
**Grant Hopper KB7WSD, ARRL Northwestern Division Vice-Dir.**  
**Carl Luetzelschwab K9LA, ARRL Guest**

An opportunity to meet Jim and Grant and find out what the ARRL has planned for the future as well as an opportunity to express your thoughts and opinions on policy and direction. Carl is a well known columnist and writer on the subject of radio propagation. If you were not fortunate to take in the Friday luncheon and workshop this is your chance to meet him.

**1:00 PM**

**RIVERVIEW B**

**Software Defined Radio (SDR)**

**Jeremy McDermond NH6Z**

A software-defined radio system is a radio communication system where components are implemented by means of software on a personal computer or embedded computing devices. Jeremy's presentation will show you how this is done and how you can get started in this new field.

**1:00 PM**

**RIVERVIEW C**

**Frequency Coordination for Repeaters**

**Daron Wilson N7HQR**

The Oregon Region Relay Council, Inc. and the Western Washington Amateur Radio Association present a joint session which we have worked together to develop. We plan to do a 15-20 minute power point presentation by each group, followed by a panel type question and answer session with board members from each group.

**3:00 PM**

**SEASIDE A&B**

**Suitcase DXpedition II**

**Budd Drummond W3FF**

**Chris Drummond W6HFP**

Another trip with Budd and Chris, fresh video from the Feb/2011 outing to Dominica in the Caribbean and the latest innovations in portable antennas and tools for DXing out of a suitcase anywhere in the world..

**3:00 PM**

**RIVERVIEW A**

**A History of Radio & TV**

**Jack Barnes WA7KMR**

Jack, a 36 year veteran in Television and Radio broadcasting and was the Chief Engineer for KOMO TV and KOMO Radio for many years. His presentation is an overview of the evolution of electronics and communications systems in broadcasting and Television News from the vacuum tube days to HDTV including studio systems, editing, satellite and microwave communications, helicopter and aircraft.

**3:00 PM**

**RIVERVIEW B**

**The DX'ing Game: Ideas Blatantly Plagiarized from W9KNI On How to Work DX**

The techniques and strategies that can help you work those hard ones, break through the pile-ups and raise your country count.

**3:00 PM**

**RIVERVIEW C**

**Ham Law**

**Phil Kane K2ASP ARRL Volunteer Counsel**

Phil, a lawyer and an engineer, is a F.C.C. veteran working many years in the San Francisco Office. He is ready to discuss the many legal aspects of our hobby such as part 97, CCR, and interference issues. Join him for a lively discussion of your rights and responsibilities.

<Last Year's (2010) ad for placemet holder only!>

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### 2011 SeaPac "Sea Mist" Meeting Schedule

#### Saturday

9:00 am – 10:30 am	Oregon Section Cabinet	Bonnie Altus	AB7ZQ
10:30 am – 12:00 noon	NTS meeting	Scott Gray	W7IZ
1:00 pm – 2:30 pm	O-O Training ( <i>closed session</i> )	Everett Curry	W6ABM
2:45 pm – 4:15 pm	Oregon ARES	Kevin Hedgepeth	NB7O

#### Sunday

9:00 am – 10:30 am	[open]		
10:45 am – 12:15 pm	ARRL NW Division Cabinet	Jim Fenstermaker	K9JF

### **RAGS Country Store**

As a service to flea market buyers the RAGS (Radio Amateurs of the Gorge) club provides a testing center for equipment. Power supply, voltmeter, service monitor, oscilloscope and freq counter are a part of our testing ability. Check out what you are considering buying. Have a piece of gear to sell? We consign for you and at a reasonable charge. Neither RAGS nor SeaPac can accept responsibility for the condition of any equipment nor can be held responsible for any damage as a result of use of test gear. As an additional service to the Amateur Radio Community, RAGS also provides a Country Store where rigs and other equipment will be displayed for sale.

*Remember, your boat anchor is someone else's dream machine!*

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### **EXHIBITORS**

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